



PTO/SB/08A (08-03)  
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Substitute for form 1449/PTO		<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (Use as many sheets as necessary)		Application Number	10/815,551
		Filing Date	04/01/2004
		First Named Inventor	Frederick G. Luehrs
		Art Unit	3744
		Examiner Name	M. Jones
Sheet 4 of 5	Attorney Docket Number	031200-0086	

Examiner Initials*	Cite No. <sup>1</sup>	U. S. PATENT DOCUMENTS			
		Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
mf		US- 6606873	08/2003	Takeuchi	
		US- 6640569	11/2003	Goosman	
		US- 6662579	12/2003	Takano et al.	
		US- 2003/0046943	03/13/2003	Takano et al.	
		US- 2003/0066300	04/10/2003	Takeuchi	
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Examiner Initials*	Cite No. <sup>1</sup>	FOREIGN PATENT DOCUMENTS			
		Foreign Patent Document Country Code <sup>2</sup> Number <sup>3</sup> Kind Code <sup>4</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear

Examiner Signature	<i>[Signature]</i>	Date Considered	9/30/06
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	Examiner Name	M. J. [Signature]
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WJ		US- 5029450	07/1991	Takano et al.	
		US- 5048306	09/1991	Wakatsuki et al.	
		US- 5054295	10/1991	Goulooze	
		US- 5065587	11/1991	Howland et al.	
		US- 5081850	01/1992	Wakatsuki et al.	
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		US- 5269149	12/1993	Zeidler	
		US- 5449232	09/1995	Westbrooks, Jr et al	
		US- D367864	03/1996	Lacewell	
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		US- D368394	04/1996	Rogers	
		US- 5567026	10/1996	Lacewell	
		US- 5771959	06/1998	Westbrooks, Jr et al	
		US- 5797445	08/1998	Westbrooks, Jr et al	
		US- 6000232	12/1999	Witten-Hannah et al	
		US- 6170277	01/2001	Porter et al.	
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		US- 6467293	10/2002	Goosman	
WJ		US- 6564574	05/2003	Pereira et al.	

FOREIGN PATENT DOCUMENTS						
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Sheet 1 of 15	Attorney Docket Number	031208-0086

U. S. PATENT DOCUMENTS					
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		Number-Kind Code* (# known)			
		US- 1870685	08/1932	Lockwood	
		US- 1880735	10/1932	Bonine	
		US- 2353909	07/1944	Lager	
		US- 2508385	05/1950	Hall	
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		US- 3057284	10/1962	Learmont	
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		US- 3234754	02/1966	Quick	
		US- 3464226	09/1969	Kramer	
		US- 3287925	11/1966	Kane et al.	
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		US- 3645109	02/1972	Quick	

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